

Recombinant Human Prostaglandin E Synthase 3 (Cytosolic), His-tagged

Cat. No. PTGES3-818H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant PTGES3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques, 18697Da (160aa).
Species	Human
Source	E.coli
Description	Prostaglandin E synthase 3 (cytosolic) is an enzyme that in humans is encoded by the PTGES3 gene. The protein encoded by this gene is also known as p23 which functions as a chaperone which is required for proper functioning of the glucocorticoid and other steroid receptors.
Sequences of amino acids	MQPASAKWYD RRDYVFIEFC VEDSKDVNVN FEKSKLTFSC LGGSDNFKHL NEIDLFHCID PNDSKHKRTD RSILCCLRKG ESGQSWPRLT KERAKLNWLS VDFNNWKDWE DDSDEDMSNF DRFSEMMNMM GGDEDVDLPE VDGADDDSDQD SDDEKMPDLE
Formulation	10 mM Tris. pH 8.0. 0.002% NaN ₃ . 3mM NaCl. 2.5mM Imidazole
Clonality	N/A
Purity	95% by SDS - PAGE

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Applications MS. SDS

GENE INFORMATION

Gene Name [PTGES3 prostaglandin E synthase 3 \(cytosolic\) \[Homo sapiens\]](#)

Synonyms PTGES3; TEBP; P23; prostaglandin E synthase 3 (cytosolic); cPGES; Telomerase-binding protein p23; Progesterone receptor complex p23; Cytosolic prostaglandin E2 synthase; Hsp90 co-chaperone; prostaglandin E synthase 3; inactive progesterone receptor, 23kD; cytosolic prostaglandin E synthase; EC 5.3.99.3; Progesterone receptor complex p23

Gene ID [10728](#)

mRNA Refseq [NM_006601](#)

Protein Refseq [NP_006592](#)

MIM [607061](#)

UniProt ID [Q15185](#)

Chromosome Location 12q13.3; 12

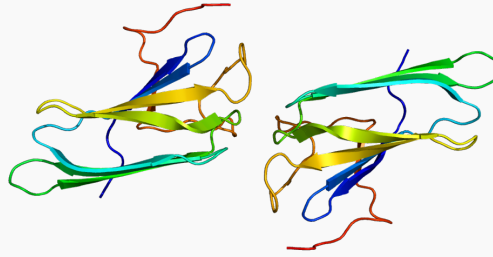
Function Isomerase activity; prostaglandin-E synthase activity; prostaglandin-E synthase activity; protein binding; telomerase activity; unfold protein binding

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